

Appl. No. 09/720,149  
Amendment and/or Response  
Reply to Office action of 23 December 2003

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**Amendments to the Specification:**

Please replace the Title with:

~~Device for use as stand-alone device and as slave device in a data-bus system~~

Device For Use As Stand-Alone Device And As Slave Device In A Data Bus System

Please replace the paragraph beginning at page 2, line 20 with the following rewritten paragraph:

A1 It is an object of the invention is to provide a way to make it possible to use the device also when it is not connected to an active host station via the cable.

Please replace the paragraph beginning at page 3, line 19 with the following rewritten paragraph:

A2 When switching from the slave mode to the stand-alone mode or vice versa, a resistive connection between the data transfer conductor and the first one of the power supply conductors is preferably switched off and on respectively, to simulate disconnect and connect of the device. In a further embodiment, the device uses a single connection to its control circuit both to monitor the power supply and to control signaling of the connect condition.

Please replace the paragraph beginning at page 4, line 12 with the following rewritten paragraph:

A3 In operation, the host station part 10 initially supplies a power supply voltage (e.g. 5V) across power supply conductors 120, 122. This power supply voltage may be used to power simple devices 14 that have no own power supply, such as a mouse or keyboard attached to the system. The data transfer conductors 124, 126 are connected to the low voltage power supply conductor 122 via respective resistances (not shown). Thus, absent any other connections to the data transfer conductors 124, 126, the potential of these data transfer conductors 124, 126 would equal that of power supply conductor 122.

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Please replace the paragraph beginning at page 5, line 3 with the following rewritten paragraph:

A4  
The device 14 according to the invention detects whether an active host station part 10 is attached to the connector 16 and switches to a stand-alone operating mode if this is not the case. The device 14 tests the power supply voltage supplied via the power supply conductors 120, 122 to detect whether an active host station part 10 is attached. If this power supply voltage is zero or less than a predetermined threshold, the device 14 start operating in a stand-alone mode. For example, the device may be able to operate using local information or information obtained via the internet, the device being connected to the internet via the host station part 10. When no active host station part 10 is attached, the device 14 starts operating "stand-alone" using local information. Otherwise, the device operates as a slave, receiving information (e.g. access keys) from the internet via the host station part. Of course many other applications of stand-alone vs. Slave slave operation are possible, such consumer audio and video equipment (video recorder, CD player, TV, audio set etc.) that is either controlled by a host as part of a system or operates stand-alone.

Please replace the Abstract of the invention with the following rewritten Abstract:

A5  
A device is provided for use in a data bus system like a USB bus system. The device can be coupled to a host via a bus cable that comprises a data transfer conductor and power supply conductors. The device detects whether a power supply is connected to the power supply conductors. Dependent on whether or not connection of the power supply has been detected, the device starts operating in a slave mode or in a stand-alone mode respectively. In a slave mode the device waits for commands received via the data transfer conductor. In the stand-alone mode the device operates independently from communication via the cable. Preferably, the device signals back to the host whether it is in the slave mode by enabling pull-up of a potential of the data transfer conductor. In an embodiment, detection and signaling is controlled via a single control node.

Fig. 1